



Beer Feed Heater Valve Alignment

Potential Hazards:

Possibility of pressuring up the system if valve alignment is not correct

Precautions to take:

Steps must be correct

Safety systems in place:

Pressure Relief valves in place

1. Align Beer Column Feed Heater Valves for initial startup.
 - a. Close V-41102 Beer Column Feed Heater CIP supply valve.
 - b. Close V-41114 Beer Column Feed Heater CIP return valve.
 - c. Close V-41109 Beer Column Feed Heater bypass valve.
 - d. Close V-41112 Beer Column Feed Heater bypass valve.
 - e. Open V-41113 Beer Column Feed Heater mash inlet valve.
 - f. Open V-41198 Beer Column Feed Heater mash outlet valve.
 - g. Open V-41118 Beer Column Mash inlet valve.
 - h. Close V-41103 Beer Column Feed Heater steam inlet.
 - i. Close TV-41105 Beer Column Feed Heater steam inlet control valve.
2. Slowly Open V-41103, Beer Column Feed Heater steam supply.
3. Open all instrument root valves on the Beer Column Feed Heater.
4. Drain cold condensate from V-41173, low point drain valve on the steam supply line upstream of the Beer Column Feed Heater.
5. Close low point drain, V-41173, when steam comes out.